

<b>Notice of Allowability</b>	Application No.	Applicant(s)	
	09/921,908	YAMADA, HIDEAKI	
	Examiner	Art Unit	
	Mark R. Milia	2622	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the after final amendment received on 12/9/05.
2. ☒ The allowed claim(s) is/are 1-7.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
  - \* Certified copies not received: \_\_\_\_\_.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</li> <li>6. <input type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date _____</li> <li>7. <input type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____</li> </ol> |
|---|--|

  
 EDWARD COLES  
 SUPERVISORY PATENT EXAMINER  
 TECHNOLOGY CENTER 22

## **DETAILED ACTION**

### ***Response to Amendment***

1. Applicant's amendment was received on 12/9/05 and has been entered and made of record. Currently, claims 1-7 are pending.

### ***Response to Arguments***

2. Applicant's arguments, presented in the interview conducted on 12/6/05 and the remarks filed 12/9/05, see pages 2-10, with respect to claims 1-7, more specifically claim 1, have been fully considered and are persuasive. The rejection of claims 1-7 has been withdrawn. Particularly, the examiner agrees that the references of Otani and Mitchell, alone or in combination, fail to disclose an encoder portion for generating a first set of codes corresponding to the first rotated image and a second set of codes corresponding to the second rotated image, in a coding block unit determined by inserting an identification code at a position corresponding to the size of the first rotated image.

### ***Allowable Subject Matter***

3. Claims 1-7 are allowed.

4. The following is an examiner's statement of reasons for allowance:

The examiner believes that it would not have been obvious to one of ordinary skill in the art at the time the invention was made to combine an encoder portion for generating a first set of codes corresponding to the first rotated image and a second set of codes corresponding to the second rotated image, in a coding block unit determined by inserting an identification code at a position corresponding to the size of the first rotated image with the other limitations as recited in claims 1-7.

The closest prior art references, previously noted as Otani (US 5724157) and Mitchell (US 4689824), fail to disclose, alone or in combination, an encoder portion for generating a first set of codes corresponding to the first rotated image and a second set of codes corresponding to the second rotated image, in a coding block unit determined by inserting an identification code at a position corresponding to the size of the first rotated image.

More specifically, Otani discloses a facsimile system that combines a report image with a data image to output a composite image. This is performed using encoding processes that identify each image and perform the merging process. However, Otani fails to disclose the rotation each image individually and an encoder portion for generating a first set of codes corresponding to the first rotated image and a second set of codes corresponding to the second rotated image, in a coding block unit determined by inserting an identification code at a position corresponding to the size of the first rotated image.

Mitchell discloses a system that uses image pointers, which may be located at the beginning, center, and end of an image, to aid in the rotation of images. However, Mitchell does not disclose that the position pointers are used to determine a coding block unit and does not disclose that the pointers are inserted at a position corresponding to the size of a rotated image. Further, Mitchell discloses the use of pointers before the image is actually rotated and does not disclose the particular use of the position pointers after rotation is complete.

Therefore, for these reasons, the claims are rendered allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark R. Milia whose telephone number is (571) 272-7408. The examiner can normally be reached M-F 8:00am-4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Coles can be reached at (571) 272-7402. The fax number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mark R. Milia  
Examiner  
Art Unit 2622

MRM

  
EDWARD COLES  
PROVISORY PATENT EXAMINER  
EBC/READY